GardTec
RISCO GROUP

GARDTEC *872*

LCD User Instructions
&
LED User Instructions

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User Information

Customer Name:-

Customer Address:-

Control Panel Model

No of Keypads	
Keypad 1 Location	Type
Keypad 2 Location	Type
Keypad 4 Location	Type
Keypad 5 Location	Type
Keypad 6 Location	Type
Keypad 7 Location	Type
Keypad 8 Location	Type

ACE Mode (if fitted)	Normal Security	High Security

Keyswitch 1 Location	Reserved User Code	User No.
Keyswitch 2 Location	Reserved User Code	User No.
Keyswitch 3 Location	Reserved User Code	User No.
Keyswitch 4 Location	Reserved User Code	User No.
Keyswitch 5 Location	Reserved User Code	User No.
Keyswitch 6 Location	Reserved User Code	User No.
Keyswitch 7 Location	Reserved User Code	User No.
Keyswitch 8 Location	Reserved User Code	User No.

Installation Company Name:-

Installation Company Address:-

Installation Company Tel. Fax.

Other Information:-

Note: Please ensure this section is completed by the installation engineer

Introduction

The Gardtec 872 control panel is a multi zone microprocessor controlled unit. Two types of display are available for the system keypads, a) LCD offering a 32 character display with zone descriptors and user names or, b) Twin seven segment LED displays offering limited control/user programming options. The LED type displays normally used for setting and unsetting at secondary points.

Please take time to familiarise yourself with the type of equipment fitted to your premises as it will prove invaluable whilst using this manual.

User Code Types

99 user codes are available offering 19 code types with varying levels of access to the system. User number 1 will always be a Master Level User but the remaining User Codes may be programmed (by a Master Code) to the required level of access. These may be changed at any time via a Master level code

The User Code levels available and the functions available for the levels are:-

Master	Allows Setting, Unsetting, Zone Remove (if programmed by engineer), Test System, View Log, Chime On/Off, User Codes, Set Time/Date, Reset After Alarm (if programmed by engineer), Unsetting.
Cleaner	Full System Setting (from unset system), Cleaner Area Unsetting (from set system), Cleaner Part Set (from part cleaner set system).
Area 1 to 7 User	Allows Area 1 to 7 Setting, Area 1 to 7 Part Setting, Area 1 to 7 Unsetting.
Main User & Main User 1 to 7	Allows Setting, Part Setting, Zone Remove (if programmed by engineer), System Test, Unsetting, Reset after Alarm (if programmed by engineer). Main User 1 to 7 are specific to their area.
Control	Used for control of other equipment (see installation company for details).
Set Only	Only Allows for the setting of the system.

Note: For information on using Duress on the Gardtec *872* see Using Duress Section.

Duress Codes

Duress Codes may be programmed onto your GardTec 872 system. When used a Duress code will appear to operate the security system in the normal way but will also send a PA (personal attack) signal to central station (if programmed).

One of two types of Duress codes may be programmed onto your system.

a) Add 1 to the first digit of any User Code e.g the normal User Code is 5678 so the Duress code for this User would be 6678.

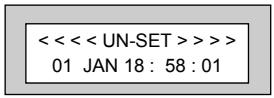
If programmed to this type of Duress by the engineer the 1 digit increment will apply to all User Codes on the system.

b) User 7 Duress. Any code that is programmed as User number 7 will be the Duress code for that system.

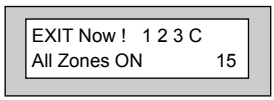
Your installation company will advise you on the type of Duress codes that are programmed on your system and the correct use of those codes.

Setting The System

1) With the display showing:-



2) Enter the User code (followed by YES if Master or Main type code has been used). The display will show for example:- and a continuous exit tone will sound



3) Exit the premises via the authorised exit route (the exit tone will change if any detectors are violated during exit)

4) Once the premises are secure listen that the exit tone returns to the continuous tone.

5) Wait until the exit tone finishes before leaving.

Note: Setting the system with an area code will set only the area associated with that code.

Note: Setting an unset system with a cleaner code will set the full system.

Setting & Unsetting the System via a Keyswitch

One of two types of keyswitch(es) may have been fitted to your system.

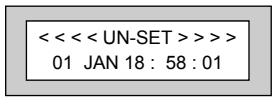
Normal
To set the system with a normal keyswitch, insert the key and turn to the ON position then remove the key. To unset insert the key and turn to the OFF position.

Biased
To set the system with a biased keyswitch, insert the key and turn it then return the key to the original position and remove. To unset repeat this operation.

Unsetting The System

1) Enter the premises via the authorised entry route (the broken entry tone will sound), proceed to the keypad.

2) At the keypad enter a valid code, the display will show:-



3) The system is now unset.

Note: If an Area Code has been entered only the area associated with that code will be unset.

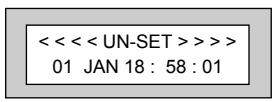
Note: If a Cleaner Code has been entered only the cleaner area will be unset.

Note: For DD243 systems ACE keyfobs may have to be used to unset the system, chexk with your installation company.

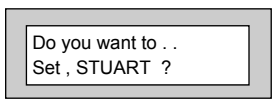
Note: In the event of the system being set using ACE when the battery is low the display will show ACE Battery Low when the system is unset press Yes to clear the display and change the battery in the keyfob.

Part Setting The System (using Master & Main type codes)

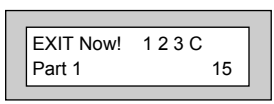
1) With the display showing:-



2) Enter a Master or Main type code, the display will show for example:-



3) Press 1, 2 or 3 (for Part 1, 2 or 3), the display will show for example:-



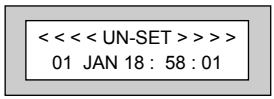
Note: If a Global code (Master or Main) has been used all areas that are being set will be Part 1 set. Note: If an Area Main code has been used only Part 1 set for that associated area will occur.

4) The exit tone may or may not be heard dependant on the system settings.

5) Exit the premises or retire to an unprotected part of the system. At the end of the exit time either the exit sounder will stop or a single beep will be emitted (dependant on system settings).

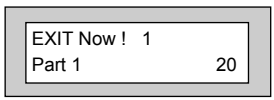
Part Setting System
(using Area 1 to 7 codes)

1) With the display showing:-



2) Enter an Area Code (1to 7), the exit tone will sound and the display will show for example:-

3) Press NO then 1, 2 3 (for the Part Set you require), the display will show for example:-

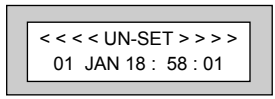


4) The exit sounders may or may not go silent this will depend on the system settings.

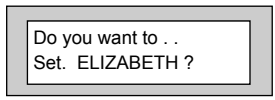
5) Exit the premises or retire to an unprotected part of the system. At the end of the exit time either the exit sounder will stop or a single beep will be emitted (dependant on system settings).

Area Setting
(using Master or global Main codes)

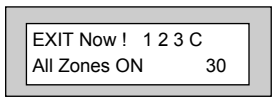
Areas will need to have been set up by the installation company.



1) With the display showing:-



2) Enter a Master or global Main code, the display will show for example:-



3) Press YES to start setting the system, the exit tone will sound and the display will show:-

4) To turn Area 1 Off press YES, 1
and / or
To turn Area 2 Off press YES, 2
and / or
To turn Area 3 Off press YES, 3
and / or
To turn Area 4 Off press YES, 3
and / or
To turn Area 5 Off press YES, 3
and / or
To turn Area 6 Off press YES, 3
and / or
To turn Area 7 Off press YES, 3
and / or
To turn the Cleaner Area Off press YES, 0
As areas are turned off they will be removed from the display.

5) Exit the premises or retire to an un-protected area (as detectors are violated the continuous exit tone will change).

Note: Areas must first be programmed by the installation company before they will appear on the display.

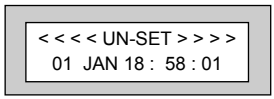
Area Setting (using Area codes)

Area codes are only effective to their own area with the exception of the cleaner area. This may be turned off by an area code (only if all areas are in the unset condition). Use is the same as Setting the system shown on page 5 but only the relevant area will be set

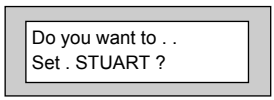
Removing Individual Zones
(Master & Main codes only)

If programmed by the installation company individual zones may be removed, this may only be done by a Master or Main level of code. **It should be noted that if an Area Main code is being used, only zones associated with that area may be removed.**

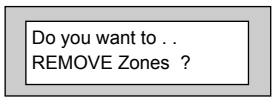
1) With the display showing:-



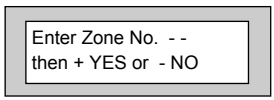
2) Enter a Master or Main level code, the display will show:-



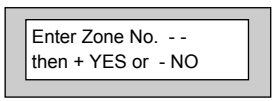
3) Press NO, the display will show:-



4) Press YES, the display will show:-

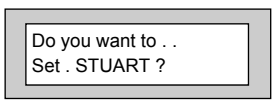


5) Enter the zone number you wish to remove followed by YES (pressing NO will 'un-remove' a zone), the display will show:-



6) Repeat step 5 until you have removed all the required zones.

7) Press 0 to escape, the display will show:-



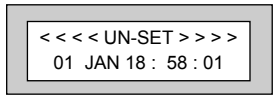
8) Press YES, the continuous exit tone will sound.

9) Exit the premises via the authorised exit route (the exit tone will change as detectors are violated). When the premises are secure listen that the exit tone returns to the continuous tone. Wait until the exit tone finishes before leaving.

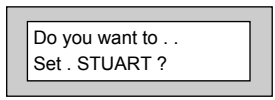
Note: Zone remove is only effective for the one set.

Testing The System
(Master & Main codes only)

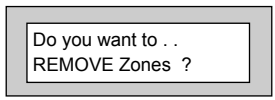
1) With the display showing:-



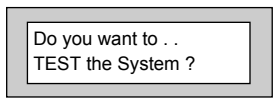
2) Enter a Master or Main level code,
the display will show:-



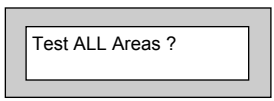
3) Press NO, the display will show:-



4) Press NO, the display will show:-



5) Press YES, the display will show:-

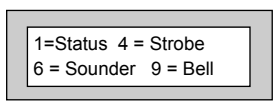


6) Press YES to test the full system

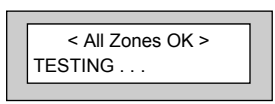
or

NO until the area you wish to test is shown

7) Press YES, the display will show:-
for 3 seconds



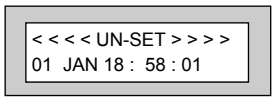
Then for example:-



8) Pressing 1 will enter zone Status mode (All zones will show on the display and will be deleted as each zone is triggered). Press 0 to escape.
Pressing 6 will silence the internal sounder,
Pressing 4 will toggle the Strobe On/Off,
Pressing 9 will toggle the Bell On/Off

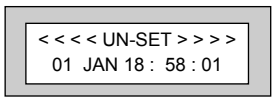
9) Whilst in Test mode any zones violated will sound the internal sounder (if it has not been silenced) and show on the display.

10) When you have finished testing the system press 0 twice, the display will show:-

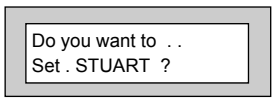


Viewing The Event Log
(Master code only)

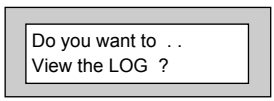
1) With the display showing:-



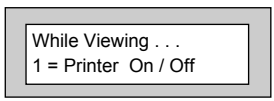
2) Enter a Master Code, the display will show for example:-



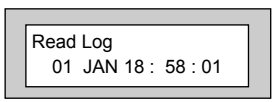
3) Press NO three times, the display will show:-



4) Press YES, the display will show:- for 3 seconds



Then, for example:-



5) This is the most recent event in the log.

Whilst viewing the Log,

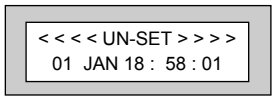
Pressing NO will move back to the previous event.

Pressing YES will move forward to the next event.

Pressing 7 will take you to back to the last event of the previous day.

Pressing 9 will take you forward to the first event of the next day.

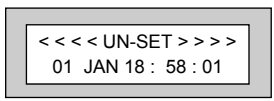
6) When you have finished viewing the Log press 0 twice the display will show:-



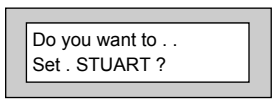
Changing The Chime Status
(Master code only)

The Chime zones will have previously been programmed by the installation company. A Master level code may change the status of the Chime between On and Off. To do so proceed as follows:-

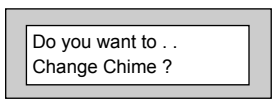
1) With the display showing:-



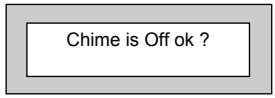
2) Enter a Master Code, the display will show for example:-



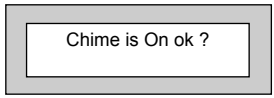
3) Press NO four times, the display will show:-



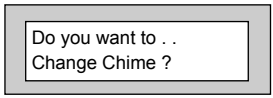
4) Press YES the display will show for example:-



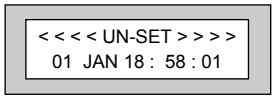
Or:-



5) Press NO to change the status of the Chime, then press YES, the display will show:-



6) Press 0 to escape, the display will show:-



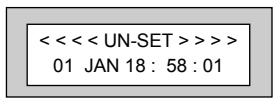
Programming User Codes
(Master code only)

The charts on pages 2 & 35 should be completed by the engineer/user for future reference of what codes have been allocated on your system. **Under no circumstances should the actual user code be written down.**

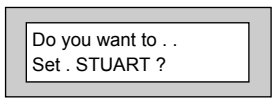
If your installation company has given you keyswitches for the operation of your system the last five user codes may have been reserved for use by these keyswitches.

If your engineer has indicated (see pages 2 & 35) that some of the user numbers on your system have been reserved you should not use them whilst programming user codes. If you do so your system may be adversely affected

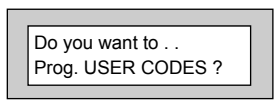
1) With the display showing:-



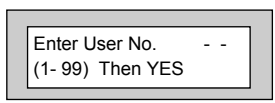
2) Enter a Master Code, the display will show:-



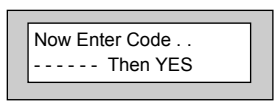
3) Press NO five times, the display will show:-



4) Press YES, the display will show:-



5) Enter the user number (1 to 99) that you wish to program followed by YES, the display will show:-

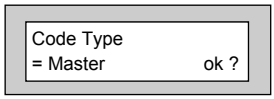


At this point the display may ask if this code is for ACE (Keyfob) dependant on the system settings. Press Yes or No as required if this question is asked.

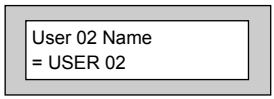
6) Enter the code you require (codes may be 4, 5 or 6 digits) followed by YES.
(Entering 000000 will delete an existing code)

Note: If the code already exists or is a duress of another code an error will be shown, choose another code and return to step 6

7) The display will show:-
(not if user 1 is being programmed).



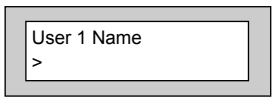
8) Press No until the level of code you require is displayed then press Yes. The display will show for example:-



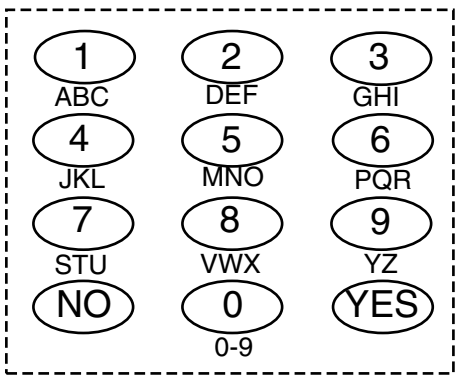
9) If you wish to accept the name shown press YES and jump to step 13

Or

If you wish to change the name shown press NO, the display will show:-



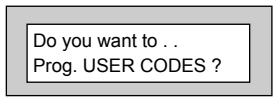
10) You may now enter up to nine characters for the user name using the layout shown below for the allocation of characters.



11) Referring to the character map enter the required character (pressing the 3 key will display 'G', pressing it again will show 'H' and again will show 'I '), once the correct character is displayed press YES and the display will move on to the next position.

12) Continue entering characters (up to 9). If you require a blank space press YES while the '-' is displayed to show the space this will not be displayed after programming is completed.

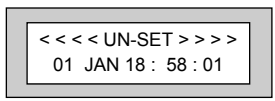
13) As you press YES for the ninth character (or if you have jumped from step 9) the display will change to:-



14) If you wish to program other User Codes return to step 4

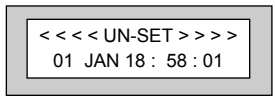
Or

Press 0 to return to:-

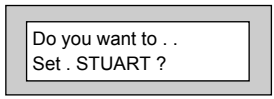


Programming Time & Date

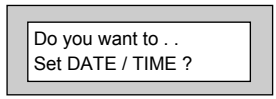
1) With the display showing:-



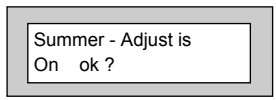
2) Enter a Master Code, the display will show:-



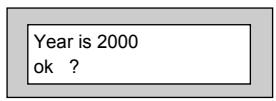
3) Press NO six times, the display will show:-



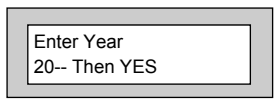
4) Press YES the display will show:-



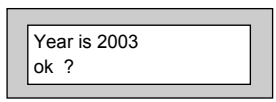
5) For UK use press Yes. The display will show:-



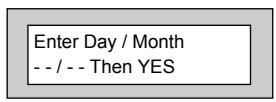
6) Press No. The display will show:-



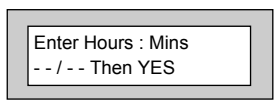
7) Enter the last two digits of the year e.g 03 if the year is 2003 then Yes. The display will show:-



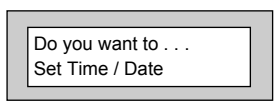
8) Press Yes. Display will show:-



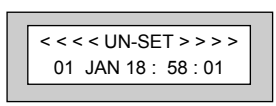
9) Enter the Day and Month e.g 11 / 09 for the 11th September then press Yes. The display will show:-



10) Enter the current Time using the 24Hr format e.g 20:30 for 8:30pm then press Yes. The display will show:-



11) Press 0 the display will show:-



User Initiating Remote Access (Optional)

Access Remote allows your installation company to examine your system and re-program system settings as you need the changes without the need for an engineer to visit your premises.

If your system has remote communications fitted your installation company may have programmed the system so that you initialise the Access Remote call (usually on lines with incoming calls barred).
To initiate the Remote Call follow the instructions below.

1) Negotiate with your installation company when you should initiate the Remote Call.

2) With the display showing:-

< < < < UN-SET > > > >
01 JAN 18 : 58 : 01

3) Enter a Master Code, the display will show for example:-

Do you want to . .
Set . STUART ?

4) Press NO seven times, the display will show:-

Do you want to . .
Access Remote ?

5) Press YES the display will show:-

Please WAIT

Until Dialling commences

Then:-

Please WAIT
Dialling

Until Connection

Then:-

Please WAIT
Connect

6) When your installation company has finished the display will show:-

< < < < UN-SET > > > >
01 JAN 18 : 58 : 01

Note: In the event of any errors the display will show:-

! ! ! ! ERROR ! ! ! !
Try Again . . . .

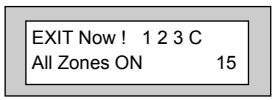
Resetting After an Alarm

Your installation company will have programmed the reset modes for your system so that it complies to your insurance company and legislation requirements.

Your installation company will have informed you as to the type of reset that your system is set for.

Before attempting to reset your system ensure that the system is Un-set.

1) If the system is programmed for any code reset enter a user (followed by YES if Master or Main code is used), the exit tone will sound and the display will show for example:-

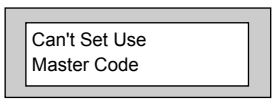


2) Enter the code again to abort the setting

3) The system is now reset

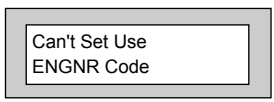
Or

If a higher level of code is required one of the following displays will be shown:-



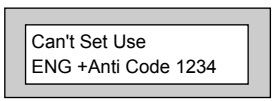
Use a Master code to reset the system.

Or:-



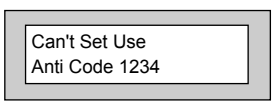
Call the installation company

Or:-



Call the installation company and quote the number given

Or:-



Call the installation company and quote the number given

Or:-

4) To reset the system with an anti-Code, contact the central station or engineer (as instructed by the installation company) and quote the source given by the display.

5) The central station or engineer will give a return Anti-Code (this may contain the YES & NO keys) for example 5, YES, 2, 4.

6) Enter this Anti-Code into the keypad

7) The system is now reset.

Using LED Keypads

This section is dedicated to using LED keypads (Twin Seven Segment).

Setting The System

1) With the display showing Un

2) Enter the User Code (followed by YES if Master or Main type code has been used).

3) The display will show EE and the exit tone will sound. Exit the premises via the authorised exit route (the exit tone will change if any detectors are violated during exit).

4) Once the premises are secure listen that the exit tone returns to the continuous tone.

5) Wait until the exit tone finishes before leaving.

Note: Setting the system with an area code will set only the area associated with that code.

Note: Setting an unset system with a cleaner code will set the full system.

Unsetting The System

1) Enter the premises via the authorised entry route (the broken entry tone will sound).

2) Proceed to the keypad, enter a valid user code, the display will show Un.

3) The system is now Unset.

Note: If an area code has been entered only the area associated with that code will be Unset.

Note: If a cleaner code has been entered only the cleaner area will be Unset.

Note: In the event of the system being set using ACE when the battery is low the display will show Ab when the system is unset press Yes to clear the display and change the battery in the keyfob.

Part Setting The System
(using Master & Main type codes)

1) With the display showing Un Enter a Master or Main type code

2) The display will show SE (flashing). Press 1, 2 or 3 (for Part 1, 2 or 3) the display will show the E and:-

   The two bottom bars if Part 1 has been selected (E =)

   The top and bottom bars if Part 2 has been selected (E ¯)

   The bottom bar only if Part 3 has been selected (E _)

Note: If a Global code (Master or Main) has been used all areas that are being set would be Part Set.

Note: If an Area Main code has been used only the Part Set associated with that area would be Part Set.

3) The exit tone may or may not be heard dependant on the system settings.

4) Exit the premises or retire to an unprotected part of the system. At the end of the exit time either the exit tone will stop or a single beep will be emitted (dependant on system settings).

Part Setting System (using Area 1, 2 or 3 codes)

1) With the display showing ' Un ' Enter an Area code (1, 2,3, 4, 5, 6, 7).

2) The exit tone will sound and the display will show E =

3) Press NO, then 1, 2 or 3 (for Part 1, 2 or 3). The bars on the display will change to:-

   The two bottom bars if Part 1 has been selected (E =)

   The top and bottom bars if Part 2 has been selected(E ¯)

   The bottom bar only if Part 3 has been selected (E _)

4) The exit tone may or may not be heard dependant on the system settings.

5) Exit the premises or retire to an unprotected part of the system. At the end of the exit time either the exit tone will stop or a single beep will be emitted (dependant on system settings).

Area Setting (using Master or Global Main codes)

1) With the display showing Un Enter a Master or global Main code.

2) The display will show SE (flashing) Press YES to start setting the system, the exit tone will sound.

3) To turn Area 1 Off press YES, 1 **and / or**
To turn Area 2 Off press YES, 2 **and / or**
To turn Area 3 Off press YES, 3 **and / or**
To turn Area 4 Off press YES, 4 **and / or**
To turn Area 5 Off press YES, 5 **and / or**
To turn Area 6 Off press YES, 6 **and / or**
To turn Area 7 Off press YES, 7 **and / or**
To turn the Cleaner Area Off press YES, 0

4) Exit the premises or retire to an unprotected part of the system. At the end of the exit time the exit tone will stop provided the system was clear.

Note: Areas must first be programmed by the installation company.

Area Setting (using Area codes)

Area codes are only effective to their own area with the exception of the cleaner area which may be turned off by an area code (only if all areas are in the unset condition).

Removing Zones (Master & Main codes only)

If programmed by the installation company individual zones may be removed, this may only be done by a Master or Main level of code. **It should be noted that if an Area Main code is being used only zones associated with that area may be removed.**

1) With the display showing Un Enter a Master or Main level code.

2) The display will show SE (flashing), press NO.

3) The Display will show nE (flashing), press YES.

4) The display will show n-

5) Enter the zone number you wish to remove followed by YES.

6) The display will show n -

7) If you wish to remove other zones return to step 5
Or
To escape press 0 the display will show SE (flashing).

8) Press YES to start setting the system.

9) Exit the premises or retire to an unprotected part of the system. At the end of the exit time the exit tone will stop provided the system was clear.

Note: Zone remove is only effective for the one set.

Testing The System
(Master & Main codes only)

1) With the display showing Un

2) Enter a Master or Main level code, the display will show SE (flashing).

3) Press NO twice, the display will show tE (flashing).

4) Press YES, the display will show tA press YES if you wish to test all areas (**or** press NO until the area you wish to test is displayed then press YES)

5) The display will show tA (if all zones are clear).

6) Whilst in test mode:-

Pressing 6 will silence the internal sounders

Pressing 4 will toggle the strobe On / Off

Pressing 9 will toggle the Bells On / Off

7) When you have finished testing the system press 0 twice to return to the Unset condition.

Viewing The Event Log (Master code only)

To get the full capability from the Log we recommend using an LCD keypad

1) With the display showing Un enter a Master code.

2) The display will show SE (flashing), press NO three times.

3) The display will show LO (flashing).

4) Press YES, the display may show for example AL this is the most recent event.

5) If you have a printer connected pressing 1 will toggle the printer On/Off

6) Whilst viewing the Log :-

   Pressing NO will move back to the previous event.

   Pressing YES will move forwards to the next event.

   Pressing 7 will take you back to the first event of the previous day.

   Pressing 9 will take you forwards to the first event of the next day.

   Pressing 3 will display the Date / Time in the format
   Day of month (two digits)
   Month (two digits)
   Hour (two digits)
   Seconds (two digits)

7) When you have finished viewing the Log press 0 twice to return to the Unset condition.

Note: A complete list of possible LED displays is given in the section LED Display Glossary.

Changing The Chime Status (Master code only)

The Chime zones will have previously been programmed by your installation company. A Master level code may change the status of the chime between On and Off. To do so proceed as follows:-

1) With the display showing Un enter a Master code

2) The display will show SE (flashing)

3) Press NO four times the display will show Ch

4) Press YES, the display will show oF or on

5) Press NO to change the Chime status.

6) When you have finished press 0 twice to return to the Unset condition.

Programming User Codes

User Codes may only be programmed via an LCD keypad

Programming Date & Time

Date & Time may only be programmed via an LCD keypad

User Initiating Remote Access

Users should only initiate Remote Access when instructed to do so by the installation company.

1) With the display showing Un enter a master level code then press NO seven times the display will flash Ar

2) Press YES the display will show Wd (Wait) then dI (Dialling) then Cn (Connected).

3) When the installation company has finished the display will return to Un

   In the event of an error the display will show Er you should try again

Resetting After An Alarm

Your installation company will have programmed the reset modes for your system so that it complies to your insurance company and legislation requirements.

Your installation company will have informed you as to the type of reset that your system is set for.

Before attempting to reset your system ensure that the system is Un-set.

1) If the system is programmed for any code reset enter a user (followed by YES if Master or Main code is used), the exit tone will sound and the display will show for example

2) Enter the code again to abort the setting.

3) The system is now reset.

Or

If the display shows when you attempt to reset it refer to the programmed reset mode and take the appropriate action as follows:-

Reset Type	**Action**
Master Code	Use a Master code to set and abort setting
Engineer Code	Call the installation company.
Engineer + Anti-Code	Call the installation company.
Anti-Code	When you try to set the system make a note of the four digit number given on the display, call the installation company or central station for an Anti-Code and proceed as shown from step 4

4) To reset the system with an Anti-Code enter the number given by the central station or installation company into the keypad (this may contain the YES & NO keys).

5) The system is now reset.

LED Display Glossary

Displays During Normal Use

Un	System Unset.
E=	The system is full setting.
=	The system is fully set.
E-	The system is part 1 setting.
-	The system is part 1 set.
E‾	The system is part 2 setting.
‾	The system is part 2 set.
E_	The system is part 3 setting
_	The system is part 3 set
c=	The system is cleaner setting.
c=	The system is cleaner set.
AL	An alarm has occurred press NO to view.
Fb	Fuse blown or battery volts low.
Cb	Control box tamper.
bb	bell box tamper.
E1	Expander1 tamper (may show 1 to 16).
PL	Telephone Line fault (or coms fail).
Pc	Power Cut.
t4	Tamper keypad 4 (may show 1 to 4).
Er	Reset is required by a higher level code or an error has occurred whilst programming.
Ac	Reset by Anti-Code is required.
SE	(flashing) Do you want to Set.
rE	Remove zones.
tE	Test system.
Ch	Change Chime.
Uc	Program User codes.
dt	Program date time.
Lo	Log
--	Waiting for numeric input.
wJ	Wait, system in use.
En	Engineer code reset required.
En	(flashing) Call Engineer

Displays Whilst Viewing Log

Please be aware not all Log Events can be viewed on an LED keypad. We recommend the use of an LCD keypad.

04 Alarm occurred because of zone 4 was activated.

•04 Alarm occurred because of tamper on zone 4.

04 (flashing) zone 4 was removed.

Lr Telephone Line restored.

Pr Power restored.

d3 Duress code by user 3.

'rE' Watchdog reset.

AR Alarm was reset.

bo bells on.

01 User code 1 used (may show 1 to 47).

F2 Fire activated from alert keys on keypad 2.

A2 Alert activated from alert keys on keypad 2.

P2 Panic activated from alert keys on keypad 2.

tF A zone on test has failed.

rL read Log.

System Attributes

Zone No.	Zone Type	Descriptor	Areas	Part Info
Example	E/E	Front Door	1&2	A1 Pt2
1				
2				
3				
4				
5				
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7				
8				
9				
10				
11				
12				
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Service Record

Date	Comments	Signature

Alarm Reset Type:- **Tamper Reset Type:-**

User Chart

Please use this chart to indicate what user names have been programmed onto your system and those that are in use.

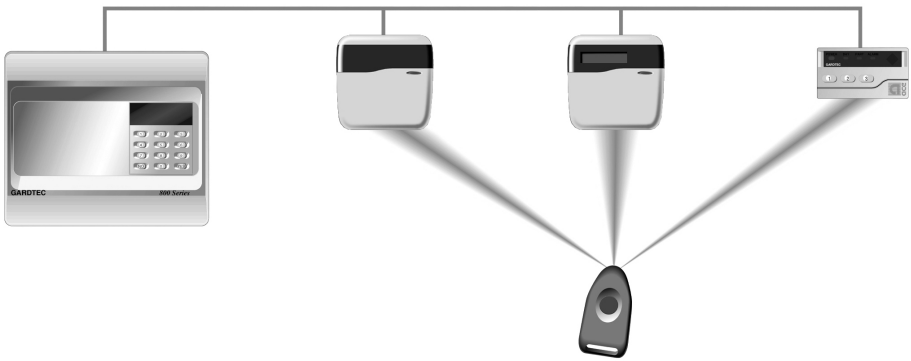
	In Use	Name	User 25		
User 1			User 26		
User 2			User 27		
User 3			User 28		
User 4			User 29		
User 5			User 30		
User 6			User 31		
User 7			User 32		
User 8			User 33		
User 9			User 34		
User 10			User 35		
User 11			User 36		
User 12			User 37		
User 13			User 38		
User 14			User 39		
User 15			User 40		
User 16			User 41		
User 17			User 42		
User 18			User 43		
User 19			User 44		
User 20			User 45		
User 21			User 46		
User 22			User 47		
User 23			User 48		
User 24					

	In Use	Name	User 76		
User 49			User 77		
User 50			User 78		
User 51			User 79		
User 52			User 80		
User 53			User 81		
User 54			User 82		
User 55			User 83		
User 56			User 84		
User 57			User 85		
User 58			User 86		
User 59			User 87		
User 60			User 88		
User 61			User 89		
User 62			User 90		
User 63			User 91		
User 64			User 92		
User 65			User 93		
User 66			User 94		
User 67			User 95		
User 68			User 96		
User 69			User 97		
User 70			User 98		
User 71			User 99		
User 72					
User 73					
User 74					
User 75					

ACE User Instructions

ACE (Advanced Control Equipment) allows control of your Gardtec *872* system via Infra-Red Remote control. Ace is available built in to a range of keypads or as a stand alone unit, control is via neat remote keyfob(s).

We strongly advise that User Number 1 is not used for ACE in order that the user retains control of the programming functions.



Setting the System with ACE

1) Point the keyfob at the ACE receiver and press the button.

2) When the exit tone sounds exit the premises in the usual way.

Part Setting the System with ACE

1) Point the keyfob at the ACE receiver and press the button.

2) When you hear the exit tone press the keyfob button again (within 3 seconds) for Part Set 1.

or

Press 1, 2 or 3 on the receiver/keypad for the Part Set you require.

Unsetting the System with ACE

1) Enter the premises via an authorised entry point.

2) Point the keyfob at the receiver and press the button.

Programming ACE
Keyfobs onto your System

Two modes are available for ACE, these are 'Normal' & 'High' Security. Please check the User Information Chart on page 2 noting the mode of your ACE control.

Normal Security
In this mode up to fourteen keyfobs may be programmed onto a single user number

1) Follow the procedure for programming user codes to the point when the user code is entered.

2) Point the keyfob at the ACE unit and press the button on the fob.

3) Repeat this procedure for any other fobs you wish to be programmed using the **same user number** each time (e.g User 1 or User 2 etc.) each time.

4) If more than one ACE receiver is fitted fobs need to be programmed onto all ACE receivers, yet again the **same user number** should be used.

Note: When programming the fob onto more than one receiver (on the same system) the button on the fob MUST be held down continuously between programming onto the first and subsequent ACE receivers.

High Security
In this mode each keyfob will occupy a User number. The number of keyfobs that may be used is limited by the maximum number of user codes available on the system up to a maximum of fourteen.

1) Follow the procedure for programming user codes to the point when the user code is entered.

2) Point the keyfob at the ACE unit and press the button on the fob.

3) Repeat this procedure for any other fobs you wish to be programmed using a **different user number** each time (e.g User 1 or User 2 etc.) each time.

4) If more than one ACE receiver is fitted fobs need to be programmed onto all ACE receivers, **retaining the same user number for each individual fob**.

Note: When programming the fob onto more than one receiver (on the same system) the button on the fob MUST be held down continuously between programming onto the first and other ACE receivers.

Note: In all cases when the ACE is used only Master & Main user levels will allow part setting via the keyfob. Other code levels will only allow part setting in conjunction with the keypad.

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BSIA
British Security Industry Association

CE

LLOYD'S REGISTER QUALITY ASSURANCE ISO9001
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